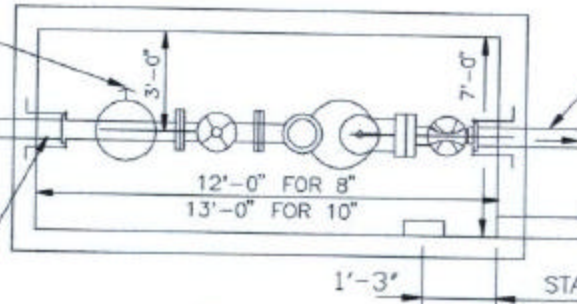


2" GATE VALVE AT BLOWOFF

INSTALL GATE VALVE 5' UPSTREAM FROM VAULT

1/4" Ø DRILLED & TAPPED HOLE WITH 1/4" Ø BRASS GAGE COCK (INSTALL 3" BACK OF FLANGE) LOCATE TO AVOID HARNESSING



LOCATE PIPE JOINT 2' FROM VAULT

5" Ø GRAVITY DRAIN LINE LOCATE AS SHOWN ON CONTRACT DRAWINGS

8" OF 10" REDUCED PRESSURE BACKFLOW PREVENTER

BASKET STRAINER CAST IN PLACE CONCRETE VAULT

MAINLINE

6" MINIMUM GRANULAR BEDDING

8" x 8" SOLID MASONRY OR CONCRETE PIERS (TYP)

SECTION

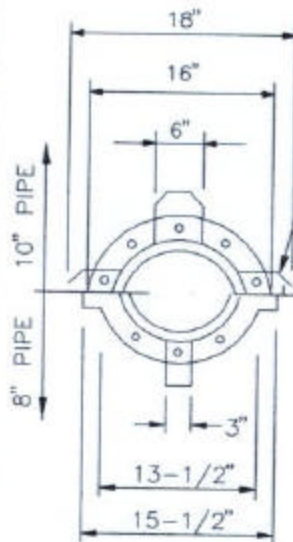
30" x 30" HATCH ON BRICK CHIMNEY

TWO LAYERS TAR PAPER BETWEEN WALLS & TOP SLAB TYPICAL

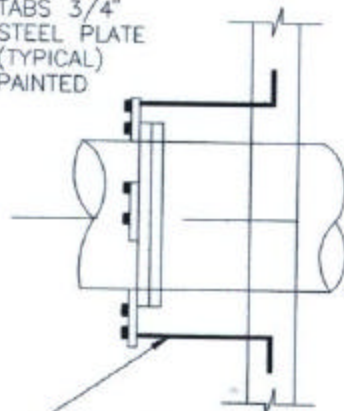
NOTE: SEE W/?? FOR HATCH, SLAB JOINT, & LIFTING HOLE INFORMATION

JOINT 2'-0" FROM VAULT WALL (FOR CI PIPE ONLY)

6" Ø GRAVITY DRAIN, PVC, D.I., OR C.I. SOIL PIPE. PROVIDE FLEXIBLE GASKET CONNECTOR IN WALL FOR PVC PIPE.



HARNESSING TABS 3/4" STEEL PLATE (TYPICAL) PAINTED



NOTES:

1. BACKFLOW PREVENTER TO BE INSTALLED BETWEEN METER & BUILDING.
2. ALL 8" & 10" PIPE TO BE DUCTILE IRON.
3. DRAIN LINE SHALL BE ROUTED SO SO THAT VAULT DRAINS COMPLETELY BY GRAVITY
4. FLUSH WATER LINE PRIOR TO INSTALLATION OF STRAINER AND BACKFLOW PREVENTER.
5. THE PREFERRED LOCATION FOR THE BACKFLOW PREVENTER AND STRAINERS IS ABOVE GROUND IN THE BUILDING IT IS TO SERVE.

CHARLES COUNTY GOVERNMENT

DEPARTMENT OF PLANNING & GROWTH MANAGEMENT

APPROVED:

*[Signature]* 6/29/95  
DIRECTOR OF DEVELOPMENT SERVICES  
WATER / SEWER ENGINEER

STANDARD DETAIL

INSTALLATION OF 8" & 10" REDUCED PRESSURE BACKFLOW PREVENTER, TYPE "A"

REVISIONS:

W  
3.10